United States Department of Agriculture
NRCS Natural Resources Conservation Service

NUTRIENT MANAGEMENT (CSP Enhancements) **October 2005**

Colorado Enhancement Activity Job Sheet N-6

Name:

Split application of nutrients to address crop growth fertility needs.

Payment = $4.00 / Acre / Year for split application of agronomic nutrient needs via broadcast (*dry granular or foliar*), side-dressing, fertigation, starter fertilizer, and/or deep placement, minimizing potential fertilizer loss.

Enhancements activities refer to actions that provide resource benefits beyond the level prescribed by The Natural Resources Conservation Service (NRCS) Conservation Practice Standards. Once implemented, enhancement activities should result in an observable or measurable improvement to the condition of one or more of the soil, water, air, plant, or animal resources, or provide for more efficient resource utilization and/or energy conservation.

Application of nutrients is conducted on all applicable cropland acres for commercial and/or livestock waste sources. Soil sampling techniques for nitrogen and phosphorus are observed, and application rates are in accordance with state land grant university recommendations. If irrigated, Irrigation Water Management (449) is applied. Irrigation water analysis is conducted for nitrates and all sources of Nitrogen (N) are credited in determining N application rates.

Appropriate timing and/or methods are used to maximize efficiency including side-dress (growing season only), split application (spring and growing season only), and/or fertigation through sprinkler irrigation systems (growing season only) for nitrogen in summer row crops. Split application for nitrogen in small grain is at planting time and late winter to early spring. Phosphorus (P) is applied on soils with soil test levels that are low enough to have P recommended by state land grant university. All commercial P is applied at state land grant university recommended rates.

Documentation Required: Farmer or crop consultant certification of nutrient application based on soil sampling. Use the following Tables for documentation of sampling and application. An example is provided to assist you.

Field Identifier	Acres	Crop	Nutrient	Agronomic Rate	Applied Rate	Date Applied	Applied Rate	Date Applied
T486 – 1	120	Wheat	N	100	60	10/15	Variable rate(VRT)	3/22
T486 – 1	120	Wheat	P	100	30	10/15	30	10/15
T486 – 2	320	Wheat	N	100	Variable rate(VRT)	3/22		
Smith farm – fld#2	65	sorghum	N	120	60	4/20	60	6/11
Smith farm – fld#2	65	sorghum	P	45	45	4/20		

Precision Agriculture Nutrient Application Certification

I certify that I split application of N, P and/or K nutrients for the fields listed above based on soil samples using the methods shown.

Name: _____ Date: _____